



## SAMPLE MATERIAL

### Assessment Grids

Madison Elementary School, Washington

**Topic:** National Math Panel: Critical Foundations for Algebra

**Practice:** Mastery Framework

Madison Elementary School employs these assessment grids as a way to display and organize the results of assessments for each mathematics unit keyed to standards. The grids show the assessment items along with how they are scored or an answer key, if appropriate, in a format that facilitates recording results for a class. Included are the assessment grids for a year's units for grades 2-6.

Teachers find the grids a handy way to determine the performance of the whole class as well as individual students, and to compare their class to others at the same grade level. Some teachers save the grid from year to year to see if the changes they have put in place to improve performance have worked. During data team meetings, the grids form the basis for teachers' discussions of results and sharing of strategies to address group and individual weaknesses.

2nd Grade Unit 8 Assessment 1 of 2	Problem #1 <u>GLE 1.2.3</u>			Problem #2 <u>GLE 1.2.6-</u> Understand how to estimate in measurementsituation. W			Problem #3 <u>GLE 1.2.4-</u> Understand and apply procedures to measure with non- standard or standard units. W			Problem #4 <u>GLE 1.2.1-</u> Understand and apply attributes to measure objects and time. W			Problem #5 <u>GLE 1.2.3</u>			Problem #6 <u>GLE 1.2.2</u>			Total 8		
	1pts			1pt			2pts			1pt			1pt			2pts					
Student Name							0	1	2							0	1	2			
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Questions 2nd Grade Unit 8 2 of 2	<b>Problem #1</b> On Saturday, Chris got up at 7:00 a.m. He read a book for an hour and a half. What time did he stop reading. <b>C</b>	<b>Problem #2</b> The very hungry caterpillar is moving around looking for dinner. About how many bricks long is the very hungry caterpillar? <b>A</b>	<b>Problem #3</b> Adam has 65 cents. Adam needs \$1.00 to buy a notebook for his class project. How much more money does adam need? <b>See Rubric</b>	<b>Problem #4</b> Our class starts math at 9:30 and works for 90 minutes. What time does math end? <b>B</b>	<b>Problem #5</b> Clarissa wants to watch her favorite cartoon show on television at 3:00. She looks at the clock in the kitchen, and it shows the current time How many minutes until her show starts? <b>C</b>	<b>Problem #6</b> Lillia and Marvin are measuring the width of the classroom door. They used their pencils as the unit of measure. Here are their measurements: Lillia;18 pencils: Marvin; 31 pencils. Explain why they have different answers. If they want to get an accurate measurement of the width of the door, what took should they use? <b>See Rubric - - B</b>	
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Questions 3rd Grade Unit 8 2 of 2	<b>Problem #1</b> Anthony and his three friends shared a plate of brownies equally. Each child got 2 whole brownies and $\frac{1}{4}$ of another brownie. How many brownies were on the plate before he shared them? <b>See Rubric</b>	<b>Problem #2</b> Jensen's share of the brownies is the shaded part. What is his share? <b>C</b>	<b>Problem #3</b> Kendra and her 5 girlfriends are sharing a pan pizza. They each want an equal amount. Which picture shows the fair share of pizza for each girl? <b>A</b>	<b>Problem #4</b> Shannon and Grace were playing the Smallest to Largest fraction game in class. They drew the fraction cards $\frac{1}{3}$ , $\frac{3}{4}$ , and $\frac{1}{2}$ . They need to order these cards from smallest to largest. How should these cards be placed? <b>See Rubric</b>	<b>Problem #5</b> Which combination of hexagon cookies can you use to make a whole cookie? <b>B</b>	<b>Problem #6</b> Look at the table. If you started on floor 5 and ended on floor B3, how many floors did you move down (the net change)? <b>See Rubric</b>	
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Questions 4th Grade Unit 8 2 of 2	<b>Problem #1</b> Jane has 512 marbles. She wants to put them equally into 10 jars. <u>Estimate</u> about how many marbles will be in each jar. <b>C.</b>	<b>Problem #2</b> Marc and Kelly are helping their mother plant a garden. There are 32 seeds in one seed packet. If they plant 18 seed packets, how many seeds will they plant in the garden. Select the equation that matches this problem. <b>B</b>	<b>Problem #3</b> Jordan gave his 24 classmates 13 erasers. How many erasers did he give out? <b>See Rubric</b>	<b>Problem #4</b> Jerry is having a birthday party. He invites 6 of his classmates. He wants to make treat bags for his guests. What is the total number of treat items Jerry must buy for the 6 bags? <b>See Rubric</b>	<b>Problem #5</b> The diagram below is a function machine. What is the next number that will come out of the function machine? <b>A</b>	
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Questions 5th Grade Unit 8 2 of 2	<p><b>Problem #1</b> There were 98 students in 5th grade at Chalen Elementary who were chosen to have lunch with the principal. The principal can only take 5 students each day. How many days will it take for all the 5th graders to have lunch with the principal? <b>B</b></p>	<p><b>Problem #2</b> Mr. Smith needs 150 pencils. Pencils come in packages of 12. How many packages will Mr. Smith need to order? <b>B</b></p>	<p><b>Problem #3</b> Some friends want to make 4 (four) jump ropes that are equal in length. They bought a piece of rope that was 41 feet long. How long will each jump rope be if the friends use all 41 feet of rope? <b>See Rubric</b></p>	<p><b>Problem #4</b> Mr. Hall and Mrs. Jacobs were playing the counting game in their classroom. They were counting by 20's. The first student said 20, the second student said 40, and the third student said 60. How many students counting did it take to get to the number 300? <b>See Rubric</b></p>	<p><b>Problem #5</b> Landon has some play coins called <u>luitens</u>. Each luiten is worth 4 cents. How many luitens would it take to make three dollars? <b>A</b></p>	<p><b>Problem #6</b> Mrs. Bates has three full boxes of pencils and 5 extra pencils. There are 41 pencils in all. Which equation matches this situation? <b>C</b></p>	<p><b>Problem #7</b> Captain Rye went fishing for three types of fish. He caught snapper, tuna, and salmon on Monday. What was the number of salmon caught on Monday? <b>B</b></p>	
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Questions 6th Grade Unit 7 2 of 2	<b>Problem #1</b> Kim brought a dozen donuts for the Safety Patrol party last Friday. Five of the donuts were maple bars. What was the probability that a student would <u>not</u> receive a maple bar? <b>C</b>	<b>Problem #2</b> Mr. Harmon, the Fitness and Health teacher, has a spinner on the gym wall. He uses the spinner with the 6th graders to determine what choice activity they will have on their free day. Claire's top choices are basketball and volleyball. What is the probability that Claire will get her top choices? <b>B</b>	<b>Problem #3</b> Luke has a box that contains green, gold, and purple candies. He gives his brother, Jack, the box of candy. The probability that Jack will get a green candy is $\frac{3}{4}$ . The probability of Jack getting a gold candy is $\frac{1}{8}$ . What is the probability that Jack will get a purple candy? <b>See Rubric</b>	<b>Problem #4</b> Lief and Mikayla were playing darts at a sixth-grade birthday party. They could win a prize if they hit the shaded portion of the dartboard. What is the probability of throwing a dart into the shaded area to win the prize? <b>See Rubric</b>	<b>Problem #5</b> Kathy and Lori are playing a game that involves rolling 5 dice. Which will <u>not</u> be a probability of getting sixes when rolling all 5 dice? <b>D</b>	<b>Problem #6</b> Justine has a bag with 12 blue marbles, 6 green marbles, 8 purple marbles, and 4 red marbles. If she wants the probability of picking a blue marble to be $1\frac{1}{2}$ , what should Justine do? <b>A</b>	
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